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(71) 出願人(米国を除く全ての指定国について): 松下電器産業株式会社 (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.) [JP/JP]; 〒5718501 大阪府門真市大字門真1006番地 Osaka (JP).

(72) 発明者; および

(75) 発明者/出願人 (米国についてのみ): 武田 潤一 (TAKEDA, Junichi). 小澤仁 (OZAWA, Masashi).

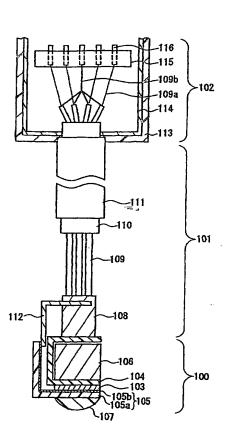
(74) 代理人: 特許業務法人池内・佐藤アンドパートナーズ (IKEUCHI SATO & PARTNER PATENT ATTORNEYS); 〒5306026 大阪府大阪市北区天満橋1丁目8番30号OAPタワー26階 Osaka (JP).

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[続葉有]

(54) Title: ULTRASONIC PROBE

(54) 発明の名称: 超音波探触子



(57) Abstract: An ultrasonic probe comprises an ultrasonic element for transmitting/receiving an ultrasonic signal, a signal line for transmitting an electric signal from/to the ultrasonic element, and a ground line for supplying a ground potential to the ultrasonic element. A sensor signal substrate and a sensor ground substrate are electrically connected to the ultrasonic element and further electrically connected through a cable substrate to the signal line and ground line respectively. The sensor ground substrate is connected directly or through a relay ground substrate to the cable substrate.

(57) 要約: 本発明の超音波探触子は、超音波信号を送受信する超音波素子と、前記超音波素子へ、または前記超音波素子から電気信号を伝送する信号ラインと、前記超音波素子にグランド電位を供給するグランドラインとを備える。前記超音波素子には、センサ信号基板およびセンサグランド基板が電気的に接続されており、前記両基板は、ケーブル基板を介して、それぞれ、前記信号ラインおよび前記グランドラインと電気的に接続されている。また、前記センサグランド基板と前記ケーブル基板とは、直接接続されるか、または、中継グランド基板を介して接続されている。

INTERNATIONAL SEARCH REPORT

International application No.

	PC1	'/JP2004/004045
A. CLASSIFICATION OF SUBJECT MATTER Int.C1 ⁷ A61B8/00		
Inc.cr Adiboyou		
According to International Patent Classification (IPC) or to both natio	nal classification and IPC	
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by Int.Cl ⁷ A61B8/00-8/15	classification symbols)	
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Documentation searched other than minimum documentation to the ex	tent that such documents are include	d in the fields seamhed
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Electronic data base consulted during the international search (name of	f data base and, where practicable, so	earch terms used)
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C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category* Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.
Y Microfilm of the specificati	on and drawings anne	xed 1-8
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Further documents are listed in the continuation of Box C.	See patent family annex.	
* Special categories of cited documents: "A" document defining the general state of the art which is not considered.		the international filing date or priority
to be of particular relevance	the principle or theory underlying	application but cited to understand ag the invention
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"L" document which may throw doubts on priority claim(s) or which is	step when the document is take	alone
cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance considered to involve an investigation	e; the claimed invention cannot be entive step when the document is
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document published prior to the international filing date but later than the priority date claimed	"&" document member of the same	
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Date of the actual completion of the international search 20 May, 2004 (20.05.04)	Date of mailing of the internation 08 June, 2004 (
Name and mailing address of the ISA/	Authorized officer	
Japanese Patent Office	- Lamoritod Ottiool	
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INTERNATIONAL SEARCH REPORT

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